

Converting Colors

YIQ(197.0190, 8.1570, 22.8850)

Have a look what the booklet for
YIQ(197.0190, 8.1570, 22.8850)
contains.

YIQ(197.0190, 8.1570, 22.8850)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(197.0190, 8.1570,
22.8850)**

Conversions

Conversions Part 1

Format	Color
Hex	DBB4E3
RGB	219, 180, 227
RGB Percent	86%, 71%, 89%
CMY	0.1410, 0.2942, 0.1098
CMYK	0.04, 0.21, 0.00, 0.11
HSL	290°, 46%, 80%
HSV	290°, 21%, 89%
XYZ	59.4057, 53.2468, 79.8189
YIQ	197.0190, 8.1570, 22.8850

Conversions

Conversions Part 2

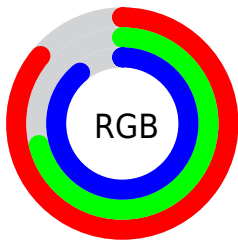
Format	Color
R_{YB}	219, 180, 227
Decimal	14398691
CIE Lab	78.02, 22.24, -18.23
CIE LCh	78, 28.754, 320.654
Yxy	53.2468, 0.3086, 0.2766
Android (android.graphics.Color)	4292588771 (0xFFDDBB4E3)
YUV	197.0190, 14.7806, 19.2773
Hunter-Lab	72.9704, 17.6199, -13.7753

Details

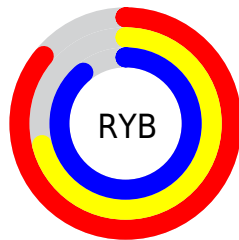
The YIQ color $197.0190, 8.1570, 22.8850$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $209.9810, -8.1570, -22.8850$, and the grayscale version is $197.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $243.8470, 5.2250, 9.9370$, and $143.1930, 7.6070, 21.8390$ is the 20% darker color. If you saturate the color by 10%, you get $182.3220, 12.0980, 34.0660$, and if you desaturate by 10%, it is $211.7160, 4.2160, 11.7040$.

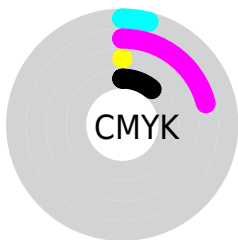
Distribution



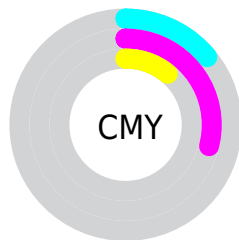
- Red (86%)
- Green (71%)
- Blue (89%)



- Red (86%)
- Yellow (71%)
- Blue (89%)



- Cyan (4%)
- Magenta (21%)
- Yellow (0%)
- Black (11%)



- Cyan (14%)
- Magenta (29%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 197.0190, 8.1570, 22.8850 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 197.0190, 8.1570, 22.8850 by changing the saturation by 10% instead.

■ 197.0190, 8.1570,
22.8850

■ 197.0190, 8.1570,
22.8850

255.0000, -0.0000,
-0.0000

■ 169.6060, 7.8820,
22.3620

■ 243.8470, 5.2250,
9.9370

■ 143.1930, 7.6070,
21.8390

■ 117.3670, 7.0570,
20.7930

■ 91.9540, 6.7820,
20.2700

■ 68.1280, 6.2320,
19.2240

■ 45.7150, 5.9570,
18.7010

■ 23.8890, 5.4070,

17.6550

■ 8.1610, 1.4650,
12.0010

■ 0.0000, 0.0000,
0.0000

■ 197.0190, 8.1570,
22.8850

■ 197.0190, 8.1570,
22.8850

■ 182.3220, 12.0980,
34.0660

■ 211.7160, 4.2160,
11.7040

■ 168.2120, 15.7640,
44.7240

■ 225.8260, 0.5500,
1.0460

■ 153.5150, 19.7050,
55.9050

■ 240.5230, -3.3910,
-10.1350

■ 139.1170, 24.2420,
67.2980

■ 245.5290, -3.5280,
-13.1600

124.4200, 28.1830,
78.4790

246.7250, -1.1440,
-12.3120

110.3100, 31.8490,
89.1370

247.9210, 1.2400,
-11.4640

95.6130, 35.7900,
100.3180

249.1170, 3.6240,
-10.6160

82.3890, 39.7770,
110.6650

250.3130, 6.0080,
-9.7680

251.5090, 8.3920,
-8.9200

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



194.2590, -19.1220, 16.1580



197.0190, 8.1570, 22.8850



197.2250, 30.9440, 22.9120

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



197.0190, 8.1570, 22.8850



192.2100, 34.1590, -7.8330



180.2360, -56.9870, -18.9950

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



197.0190, 8.1570, 22.8850



209.9810, -8.1570, -22.8850

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



182.1380, -36.4000, -23.1520



197.0190, 8.1570, 22.8850



189.6480, 14.9500, -17.6420

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



197.0190, 8.1570, 22.8850



194.8620, 44.4270, 4.3230



186.4970, -9.6700, -22.9980



181.8910, -59.9690, -9.0010

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



197.0190, 8.1570, 22.8850



196.3800, 40.5730, 19.1090



186.4970, -9.6700, -22.9980



180.7050, -51.1180, -20.7340

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



197.0190, 8.1570, 22.8850



245.2980, 2.3370, 7.2090



190.6410, -17.5620, 9.9100



122.1190, 1.2830, 4.2830



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



197.0190, 8.1570, 22.8850



214.1430, 11.0440, 31.1400



197.7010, 17.7400, 19.9160



107.3580, 2.1080, 5.8520



64.6580, 30.7490, 87.0450



18.3720, 8.6610, 24.7650

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



194.9650, 25.4440, 12.4520



211.3900, 34.6130, 16.9890



209.2990, -17.7400, -19.9160



106.8160, 6.5100, 3.1660



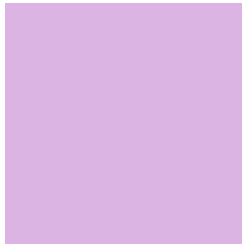
56.9410, 97.0540, 47.2780



16.2750, 27.5070, 13.6110

Previews

White Background



This preview shows how the YIQ color 197.0190, 8.1570, 22.8850 looks on a white background.

Color Contrast Check

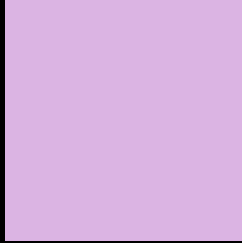
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 197.0190, 8.1570, 22.8850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

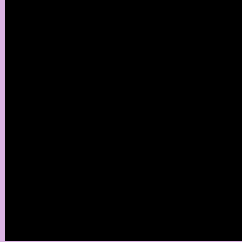
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 197.0190, 8.1570, 22.8850

Background



This preview shows how black text looks on a background with the YIQ color 197.0190, 8.1570, 22.8850.



This preview shows how white text looks on a background with the YIQ color 197.0190, 8.1570,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

197.0190, 8.1570, 22.8850

Protanopia

193.6240, -18.8920, 11.9880

Deuteranopia

194.6100, -7.1090, 13.2030



Tritanopia

195.5660, 13.3860, 10.7140

Trichromacy



Original Color

197.0190, 8.1570, 22.8850

Protanomaly

194.8210, -9.0810, 15.9030

Deuteranomaly

195.3550, -1.8370, 16.7790

Tritanomaly

195.8310, 11.3220, 15.0820

Monochromacy



Original Color

197.0190, 8.1570, 22.8850

Achromatopsia

197.0000, -0.0000, -0.0000

Achromatomaly

197.1240, 2.8870, 8.2550

CSS Examples

Text

The CSS property to change the color of the text to YIQ 197.0190, 8.1570, 22.8850 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(219, 180, 227)` looks like.

```
.text, #text, p{  
    color:rgb(219, 180, 227)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(219, 180, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 180, 227) }
```

Border

The CSS property to change the border of an element to YIQ 197.0190, 8.1570, 22.8850 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(219, 180, 227) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(219, 180, 227) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(219, 180, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 180, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 180, 227);  
box-shadow:4px 4px 4px 4px rgb(219, 180,  
227) }
```

Background

The CSS property to change the background color of an element to YIQ 197.0190, 8.1570, 22.8850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 180, 227) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(219,  
180, 227) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor